



# The new family in Corepro tiering but for different target customer

## Contractor Grade LEDtube T8

Philips Contractor Grade LEDtubes are the quick and easy way to replace T8 fluorescent or other LED tubes with a fast pack back time. Not only does the range of LEDtubes require a low initial investment, but LED energy efficiency also delivers instant savings that you can bank on over a long and reliable lifetime. Plus, with the same lamp size and light distribution as fluorescent alternatives, you'll never know the difference. You don't need to pay attention to the driver technology anymore, Contractor Grade LEDtube installs in luminaires operating on mains power connection. So simple to operate!

### Benefits

- Highly energy-efficient
- Easy installation
- Conventional form factor to fit into existing luminaire
- No mercury

### Features

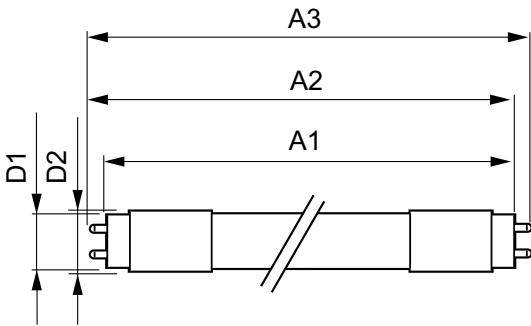
- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps
- Fastest and easiest way to upgrade existing luminaires to LED technology
- Completely safe product and installation process

# Contractor Grade LEDtube T8

## Application

- Hospitality
- retail
- office
- industrial and home applications

## Dimensional drawing



Product	D1	D2	A1	A2	A3
COR CNG LEDtube 1200mm 16W 840 T8 IDO	25.6 mm	27.8 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm
COR CNG LEDtube 1200mm 16W 865 T8 IDO	25.6 mm	27.8 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm
COR CNG LEDtube HO 1200mm 18W 840 T8 IDO	25.6 mm	27.8 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm
COR CNG LEDtube HO 1200mm 18W 865 T8 IDO	25.6 mm	27.8 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm

General Information	
Cap-Base	G13
Switching Cycle	50,000
Nominal lifetime	30,000 hour(s)
Light Technical	
Beam Angle (Nom)	240 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	0.7 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Wattage Equivalent	36 W
Temperature	
T-Case Maximum (Nom)	65 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	T8
Approval and Application	
Ambient temperature range	-20 to +45 °C

## Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
929001999839	COR CNG LEDtube 1200mm 16W 840 T8 IDO	4000 K	840	1,600 lm
929001999939	COR CNG LEDtube 1200mm 16W 865 T8 IDO	6500 K	865	1,600 lm
929002000039	COR CNG LEDtube HO 1200mm 18W 840 T8 IDO	4000 K	840	1,900 lm
929002000139	COR CNG LEDtube HO 1200mm 18W 865 T8 IDO	6500 K	865	1,900 lm

## Operating and Electrical

Contractor Grade LEDtube T8

Order Code	Full Product Name	Power Consumption
929001999839	COR CNG LEDtube 1200mm 16W 840 T8 IDO	16 W
929001999939	COR CNG LEDtube 1200mm 16W 865 T8 IDO	16 W
929002000039	COR CNG LEDtube HO 1200mm 18W 840 T8 IDO	18 W
929002000139	COR CNG LEDtube HO 1200mm 18W 865 T8 IDO	18 W

